

Docket Number: 082123-0310458

Client Reference: P02H5002/US/yh

PATENT APPLICATION

10/500922  
DT04 Rec'd PCT/PTO 08 JUL 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

In Re the Application of

JUNG PILL KIM

Group Art Unit:

Application No.:

Examiner:

Filed: July 8, 2004

Confirmation No.:

For: INCREASING A REFRESH PERIOD IN A SEMICONDUCTOR MEMORY DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

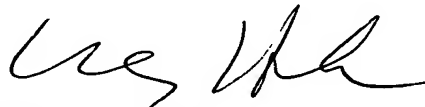
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The references cited in the International Search Report were cited by or submitted to the Office in parent application no. PCT/KR03/00051, filed January 10, 2003, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not required. 37 C.F.R. §1.98(d). According to the Notification of Acceptance in this file, copies of the references are already in the U.S. Patent Office file. However, we are attaching a copy of each of the references for the Examiner's convenience. An English language version of the International Search Report is also attached for the Examiner's information.

Respectfully Submitted,



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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of
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Complete if Known 107500922

Application Number	10-500722
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Filing Date	07/08/2004
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First Named Inventor	JUNG PILL KIM
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Art Unit	
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Examiner Name	
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Attorney Docket Number	082123-0310458
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	2	JP JP 2001-28190	January 30, 2001	Fugizu		
	3	EP EP 09-28004 A2	July 7, 1999	Texas Instruments		
	4	EP EP 09 87714 A2	March 22, 2000	Texas Instruments		
		Copy of Search Report dated April 7, 2003				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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